

What is claimed is:

1. An electrical connector adapted for mating with a complementary plug comprising:

an insulative housing having two sidewalls and a receiving cavity for receiving the plug, at least one of the sidewalls defining a window therein and a retention groove adjacent to the window;

a plurality of terminals each having a contact portion extending into the receiving cavity of the housing; and

an anti-mismating device comprising a locking portion, an elbow extending downwardly and rearwardly from the locking portion and a stopping tab extending inwardly from the elbow, the elbow and the stopping tab being inserted into the receiving cavity through the window, the locking portion being secured in the retention groove.

2. The electrical connector according to Claim 1, wherein an angle between the locking portion and the elbow of the anti-mismating device is an acute angle.

3. The electrical connector according to Claim 1, wherein the anti-mismating device further includes a retention portion folded downwardly from a free end of the locking portion, and wherein the housing further defines a second retention groove communicating with the retention groove for receiving the retention portion.

4. The electrical connector according to Claim 1, wherein the anti-mismating device further includes an insertion tab extending downwardly from a rear side portion of the locking portion, and wherein the housing further defines a slot beneath the retention groove for accommodating the insertion tab.

5. The electrical connector according to Claim 4, further including a shield attached to the housing, the shield including a pair of side plates, and wherein the insertion tab of the anti-mismating device abuts against a corresponding side plate

of the shield.

6. A receptacle connector for receiving a mating plug and blocking a relatively smaller second plug from being received, the receptacle connector comprising:

an insulative housing having a receiving cavity;

a plurality of terminals extending into the receiving cavity;

a metallic shield attached to the insulative housing; and

an anti-mismating device being positioned in the housing and in contact with the shield, the device comprising a locking portion, an elbow extending downwardly and rearwardly from the locking portion and a stopping tab extending inwardly from the elbow;

wherein when the mating plug is inserted into the receiving cavity, the elbow is engaged and thus the stopping tab is deflected upwardly and out of the mating plug insertion direction thereby allowing the mating plug insertion into the receptacle connector, and when the second plug is inserted into the receiving cavity, the stopping tab is struck thereby preventing insertion thereof.

7. The receptacle connector according to Claim 6, wherein the locking portion and the elbow form an acute angle therebetween.

8. The receptacle connector according to Claim 6, wherein the housing has a sidewall defining a window therein and a retention groove adjacent to the window, the elbow and the stopping tab are inserted into the receiving cavity through the window and the locking portion being secured in the retention groove.

9. The receptacle connector according to Claim 6, wherein the anti-mismating device has an insertion tab extending downwardly from the locking portion for abutting against the shield.

10. The receptacle connector according to Claim 6, wherein the anti-mismating device further includes a retention portion extending downwardly from a distal end of the locking portion, and wherein the housing defines a second groove

communicating with the retention groove for receiving the retention portion.

11. The receptacle connector according to Claim 9, wherein the housing defines a slot beneath the retention groove for accommodating the insertion tab.

12. An electrical connector comprising:

an insulative housing including two opposite side walls with a receiving cavity therebetween;

a pair of windows formed in the corresponding side walls, respectively;

a plurality of terminals disposed in the receiving cavity; and

a pair of anti-mismating devices inserted into the two opposite sides of the housing from the corresponding windows, respectively, each of said anti-mismating devices including an elbow obliquely extending into the receiving cavity with a stopping tab transversely extending therefrom; wherein said each of the anti-mismating devices defines in a relaxed manner a vertical dimension which is larger than that of the window so that a tip of the elbow is protectively hidden sideward behind the corresponding side wall after assembling for not being withdrawn from the corresponding window.

13. The connector according to Claim 12, wherein each of said anti-mismating devices further includes a tab mechanically and electrically engaged with a metallic shield enclosing said housing.

14. The connector according to Claim 12, wherein a metallic shield encloses said housing, and each of two opposite side plates of the shield defines an opening in communication with the corresponding window sideward.

15. The connector according to Claim 14, wherein said opening is derived from stamping a board retention barb from the corresponding side plate.